

Application No.: 10/812,896

Page 6

Art Unit: 2839

Remarks/Arguments

In paragraphs 1-4 of the Action, the drawings were objected to under 37 CFR 1.83(a) and claim 4 was rejected under 35 U.S.C. 112, first paragraph.

In reply thereto, applicant has amended claim 4 so that the drawings show every feature of the invention and the specification describes the feature. Support for the amendment is found in the original specification, page 8, line 28 through page 9, line 23.

In paragraphs 5-6 of the Action, claims 2-3, 6, and 8 were rejected under 35 U.S.C. 112, second paragraph.

In reply thereto, applicant has amended claims 2-3, 6, and 8 so as to meet the requirements under 35 U.S.C. 112, second paragraph.

In paragraphs 7-8 of the Action, claims 1-7 and 9 were rejected under 35 U.S.C. 102(b) as being anticipated by Purdy (6,106,333).

In reply thereto, applicant has amended the claims to define applicant's invention more clearly over the prior art of record.

As clearly defined in the amended claims, applicant's invention comprises a coaxial connector connected to a coaxial cable and having an outer conductor extending only in the longitudinal direction along the coaxial cable and, when the coaxial connector is pushed into the mating

Application No.: 10/812,896

Page 7

Art Unit: 2839

connector in a direction perpendicular to the coaxial cable, the first and second terminals make an obtuse angle.

The outer conductor extends only in the longitudinal direction so that a low-profile coaxial connector is provided. The coaxial connector is pushed into the mating connector in the direction perpendicular to the coaxial cable to provide an obtuse connection between the terminals. This connection is so simple and low in profile that it is useful for a micro-coaxial connector.

With respect to the prior art, Purdy discloses a coaxial cable connector comprising a body 22 having a cavity 24 and a first passage 28 oriented in angles 30-150 degrees relative to the cavity 24. A conductor 34 is mounted in the cavity 24 so that when a male pin-type end connector is threaded into the first passage 28, the pin of the end connector extends into the cavity 24 and through the pin receiving hole 38.

However, Purdy neither discloses nor suggests any coaxial connector with an outer conductor extending only in the longitudinal direction along the coaxial cable.

Purdy's outer conductor extends in a direction at angle of 30-150 degrees relative to the coaxial cable so that it fails to provide a low-profile coaxial connector.

In addition, Purdy neither discloses nor suggests any coaxial connector that is pushed into the mating connector in the direction perpendicular to the coaxial cable.

Application No.: 10/812,896
Art Unit: 2839

Page 8

Purdy's coaxial connector is threaded into the mating connector in the direction not perpendicular to but along the coaxial cable, thus failing to provide a low-profile coaxial connector.

Moreover, Purdy neither discloses nor suggests any mating connector to be provided on a board. Purdy's coaxial connector is not mounted on a board but threaded to another coaxial connector.

For these reasons, it is submitted that applicant's invention recited in the amended claims is patentable over Purdy.

In paragraphs 9-10 of the Action, claim 8 was rejected under 35 U.S.C. 103(a) as being unpatentable over Purdy.

The Action states that to provide Purdy to have the wiring portion and the terminal holding portion have shapes of a dovetail groove, since such a modification would have involved a mere change in the size of a component.

However, Purdy neither discloses nor suggests any shape of dovetail groove on the wiring and terminal holding portions and, therefore, it is not "mere change in the size of a component" but changes in the structure and function.

For these reasons, it is submitted that claim 8 is patentable over Purdy.

The other references cited on Form 892 do not appear to be any more pertinent with respect to the amended claims.

Application No.: 10/812,896

Page 9

Art Unit: 2839

In view of the foregoing, it is respectfully requested that this application be reconsidered, claims 1-9 allowed, and the case passed to issue.

A change of correspondence address is enclosed.

Respectfully submitted,

TAKEUCHI & TAKEUCHI



By Yusuke Takeuchi

Reg. No. 30,921

Tel (703) 684-9777